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PC

S/N 09/016,707

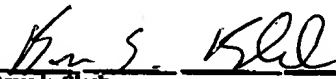
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	MEYER	Examiner:	H. Xu
Serial No.:	09/016,707	Group Art Unit:	1774
Filed:	JANUARY 30, 1998	Docket No.:	13132.1US01
Title:	SPHEROIDAL SLAG AND FLY ASH PARTICLES AND APPARATUS AND PROCESS FOR PRODUCING SAME		

CERTIFICATE UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on March 22, 2000


Bruce E. Black

REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

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 Keys, Jonathan J.
 Kucari, Homer L.
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 Kowalchuk, Katherine M.

Reg. No. 40,481
 Reg. No. 28,828
 Reg. No. 42,264
 Reg. No. 32,960
 Reg. No. 27,612
 Reg. No. 43,496
 Reg. No. 41,622
 Reg. No. 41,633
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 McDonald, Daniel W.
 McIntyre, Jr., William F.
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 Whipps, Brian
 Wickham, J. Scott
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 Witt, Jonelle
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 Xu, Min S.
 Zeuli, Anthony R.

Reg. No. 38,946
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 Reg. No. 38,540
 Reg. No. P-46,084
 Reg. No. 32,044
 Reg. No. P-44,921
 Reg. No. 30,300
 Reg. No. 40,123
 Reg. No. 46,068
 Reg. No. 37,206
 Reg. No. 37,209
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 Reg. No. 43,261
 Reg. No. 41,376
 Reg. No. 27,054
 Reg. No. 41,980
 Reg. No. 43,361
 Reg. No. 39,536
 Reg. No. 45,255

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Date: 2-28-00

By: Bruce Hasland
Name: BRUCE HASLAND
Title: CFO



S/N 09/016,707

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: MEYER
Serial No.: 09/016,707
Filed: JANUARY 30, 1998
Title: SPHEROIDAL SLAG AND FLY ASH PARTICLES AND APPARATUS AND PROCESS FOR PRODUCING SAME

Examiner: H. Xu
Group Art Unit: 1774
Docket No.: 13132.1US01

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Diamond Grit of Ortonville, Inc., a corporation organized and existing under the laws of the State of Minnesota, having a place of business at 499 Cottage Grove Drive, Woodbury, Minnesota 55129, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s), of the patent application identified above.
The assignment was recorded in the Patent and Trademark Office on January 30, 1998, at Reel 9002, Frame(s) 0427, or for which a copy is attached.
- B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:
1. From: To:
The document was recorded in the Patent and Trademark Office at Reel ,
Frame(s) , or for which a copy thereof is attached.
2. From: To:
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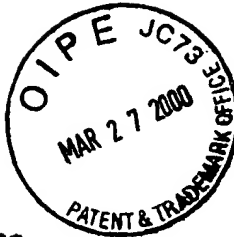
- ☐ Additional documents in the chain of title are listed on a supplemental sheet.
- ☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2-28-00

By: Bruce Hasland
Name: Bruce Hasland
Title: CFO



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Assistant Secretary and Commissioner
of Patents and Trademarks
Washington, D.C. 20231

APRIL 29, 1998

TRUESDALE LAW OFFICE
CAROLE TRUESDALE, ESQ.
642 NIGHTINGALE BLVD.
STILLWATER, MN 55082

PTAS

100653601A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM OF THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723, PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/30/1998

REEL/FRAME: 9002/0427
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
ASSIGNOR:
MEYER, PAUL W.

DOC DATE: 01/30/1998

ASSIGNEE:
DIAMOND GRIT OF OTTOMVILLE, INC.
499 COTTAGE GROVE DRIVE
WOODBURY, MINNESOTA 55129

SERIAL NUMBER: 09016707
PATENT NUMBER:

FILING DATE: 01/30/1998
ISSUE DATE:

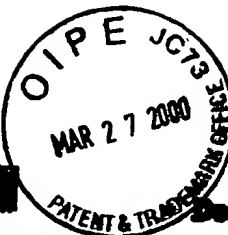
JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-08-1998

01-30-98



100653601



Doclet Number 1017030

PATENT ASSIGNMENT RECORDATION COVER SHEET

To the Honorable Commissioner of Patents and Trademarks
Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Paul W. Meyer

2. Name and address of receiving party(ies):

Diamond Grit of Oronville, Inc.
499 Cottage Grove Drive
Woodbury, MN 55129

Additional names of conveying party(ies) attached?
☐ Yes ☒ No

3. Nature of conveyance: ☒ Assignment

Execution Date(s): January 30, 1998

4. Application number or patent number:

☒ This document is being filed with a new patent application on January 30, 1998.

☐ This document is to be recorded against the following patent application or patent:

5. Name and address of party to whom
correspondence should be mailed:

Carole Trussdale, Esq.
Trussdale Law Office
642 Nightingale Blvd.
Stillwater, MN 55082

6. Total number of applications and patents
involved: 1

x \$40.00

7. Total fee (37 CFR 3.41) \$40.00.

A check in the amount of \$40.00 is enclosed.
Charge any additional fee to Deposit Account
No. 50-0397

8. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.

Carole Trussdale
Attorney

Carole Trussdale
Signature

January 30, 1998
Date

Total number of pages including cover sheet, attachments, and document: 2

Form AAS-Rec.Cov Rev. 1/21/98

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT

Docket Number 1017US01

Whereas I, the below named inventor, with residence and citizenship as indicated below, have made an invention in

**SPHEROIDAL SLAG AND FLY ASH PARTICLES AND APPARATUS
AND PROCESS FOR PRODUCING SAME**

and have contemporaneously executed an application for Letters Patent of the United States of America based thereon; Now, therefore, for good and valuable consideration I have agreed to assign and transfer and do hereby assign and transfer unto Diamond Grit of Ortonville, Inc. (doing business as Black Diamond), a corporation of Minnesota, having its principal office at Woodbury, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during my employment by the said Corporation), and in and to any and all Letters Patent, renewals, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reissuance, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made; I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by the said Corporation, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; And I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to Diamond Grit of Ortonville, Inc., as the assignee of the entire right, title, and interest therein.

In witness whereof, I have hereunto signed my name on the day and year set forth below.

Paul W. Meyer

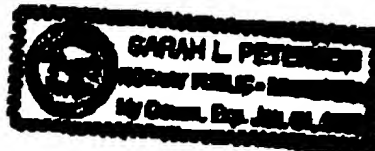
Paul W. Meyer

Residence: City of Woodbury, County of Washington
State of Minnesota

Citizenship: USA

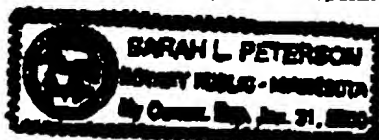
STATE OF MINNESOTA)

COUNTY OF WASHINGTON)



On this 30th day of January 1998, before me personally appeared the above-named Paul W. Meyer, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)



Sarah L. Peterson